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Dr. B. L. Newkirk has been appointed instructor, and Mr. A. J. Champreux assistant in mathematics at the University of California.

The following new members have recently been admitted to the American Mathematical Society: R. P. Baker, W. H. Bussey, H. A. Converse, A. M. Curtiss, G. R. Dean, E. L. Dodd, R. R. Fleet, E. D. Grant, J. E. Higden, L. E. Karpinski, O. C. Lester, Tultio Seir-Cevita, J. C. Symer, W. F. Monerieff, A. Ranum, C. S. Sisam, Adelaide Smith, Clara E. Smith, C. M. Snelling, Edward Study, D. T. Wilson.

The Index for Vol. XI will be sent out with the January number of Vol. XII.

BOOKS.

Exercises in Algebra. By Edward R. Robbins and Frederick H. Somerville, William Penn Charter School, Philadelphia, Penn. 8vo. Cloth Sides and Leather Back. 173 pages. New York and Chicago: The American Book Co.

This little book abounds in well selected exercises suitable for beginners in Algebra. F.

Practical Measurements in Magnetism and Electricity. By George A. Hoadley, A. M., C. E., Professor of Physics in Swarthmore College; Author of "A Brief Course in Physics." 8vo. Cloth, 111 pages. New York and Chicago: The American Book Co.

This book contains a fine collection of experiments in Magnetism and Electricity well suited to the requirements of students in the High School or Academy. F.

An Introduction to the Modern Theory of Equations. By Florian Cajori, Ph. D., Professor of Mathematics, Colorado College. 18vo. Cloth, ix+239 pages. Price, \$1.75. New York: The Macmillan Co.

In addition to the usual matter treated in works on the Theory of Equations, Dr. Cajori has, in this treatise, devoted 24 pages to Substitutions, 5 pages to the Lagrangian Resolvents, 26 pages to Galois' Theory of Algebraic Numbers, 24 pages to Normal Domains, and 12 pages to Reduction of the Galois Resolvent by Adjunction.

The treatment of the Theory of Equations as here presented is clear, eminently scientific, and thoroughly modern. It cannot fail to satisfy the demands for a first-class work on the subject it treats. F.

Physical Laboratory Manual for Use in Schools and Colleges. By H. N. Chute, M. S., Author of "Practical Physics," etc., and Teacher of Physics in the Ann Arbor High School. Revised Edition. 8vo. Cloth, 266 pages. Price, 80 cents. Boston and Chicago: D. C. Heath & Co.

The experiments in this book may all be performed in the average High School Physical Laboratory, and will give the student a thorough understanding of the physical principles involved in each. F.

ERRATA.

Page 198, Mechanics, for 121 read 171.